



Federation of Malaysia



EDICT OF GOVERNMENT

In order to promote public education and public safety, equal justice for all, a better informed citizenry, the rule of law, world trade and world peace, this legal document is hereby made available on a noncommercial basis, as it is the right of all humans to know and speak the laws that govern them.

MS 1784-6 (2007) (English): GOOD AGRICULTURAL
PRACTICE (GAP) - PART 6: FLOWERS AND ORNAMENTALS



BLANK PAGE





MALAYSIAN STANDARD

MS 1784-6:2007

GOOD AGRICULTURAL PRACTICE (GAP) - PART 6: FLOWERS AND ORNAMENTALS

ICS: 65.020.20

Descriptors: flowers, ornamentals, sustainable crop production, best developed agricultural practices, food quality and safety, environmental protection, worker welfare and safety

© Copyright 2007

DEPARTMENT OF STANDARDS MALAYSIA

DEVELOPMENT OF MALAYSIAN STANDARDS

The **Department of Standards Malaysia (DSM)** is the national standardisation and accreditation body.

The main function of the Department is to foster and promote standards, standardisation and accreditation as a means of advancing the national economy, promoting industrial efficiency and development, benefiting the health and safety of the public, protecting the consumers, facilitating domestic and international trade and furthering international cooperation in relation to standards and standardisation.

Malaysian Standards are developed through consensus by committees which comprise of balanced representation of producers, users, consumers and others with relevant interests, as may be appropriate to the subject in hand. To the greatest extent possible, Malaysian Standards are aligned to or are adoption of international standards. Approval of a standard as a Malaysian Standard is governed by the Standards of Malaysia Act 1996 (Act 549). Malaysian Standards are reviewed periodically. The use of Malaysian Standards is voluntary except in so far as they are made mandatory by regulatory authorities by means of regulations, local by-laws or any other similar ways.

The Department of Standards appoints **SIRIM Berhad** as the agent to develop Malaysian Standards. The Department also appoints SIRIM Berhad as the agent for distribution and sale of Malaysian Standards.

For further information on Malaysian Standards, please contact:

Department of Standards Malaysia
(Ministry of Science, Technology and Innovation)
Century Square, Level 1 & 2
Blok 2300, Jalan Usahawan
63000 Cyberjaya, Selangor
MALAYSIA
Tel: 60 3 83180002
Fax: 60 3 83193131

OR
SIRIM Berhad
(Company No. 367474 - V)
1, Persiaran Dato' Menteri
Section 2, P. O. Box 7035
40911 Shah Alam
Selangor D.E.
Tel: 60 3 5544 6000
Fax: 60 3 5510 8095

<http://www.standardsmalaysia.gov.my>

<http://www.sirim.my>

E-mail: info@standardsmalaysia.gov.my

CONTENTS

	Page
Committee representation.....	ii
Foreword	iii
1 Scope	1
2 Normative references	1
3 Definitions	1
4 Requirements	2
4.1 Traceability.....	2
4.2 Record keeping and internal audit.....	2
4.3 Planting materials and rootstocks.....	3
4.4 Site history and site management	3
4.5 Soil and substrate management.....	4
4.6 Fertiliser management (organic and inorganic).....	5
4.7 Irrigation and fertigation	6
4.8 Crop protection	6
4.9 Harvesting.....	9
4.10 Post-harvest handling.....	10
4.11 Pesticide residue analysis of produce	10
4.12 Waste and pollution management, recycling and re-use	10
4.13 Worker health, safety and welfare	11
4.14 Environmental issues.....	12
4.15 Record of complaints	12
5 Legal requirements.....	12
Bibliography	13

Committee representation

The Agricultural Industry Standards Committee (ISC A) under whose authority this Malaysian Standard was developed, comprises representatives from the following organisations:

Cameron Highlands Flower Growers Association
Department of Agriculture Kuala Lumpur
Department of Standards Malaysia
Farmers Organization Authority
Federal Agricultural Marketing Authority
Federation of Livestock Farmers Association
Johor Fish Breeders Association
Malaysian Agricultural Research and Development Institute
Malaysian Agrifood Corporation Berhad
Malaysian Association of Standards Users
Malaysian Fruit Exporters Association
Malaysian Palm Oil Association
Malaysian Rubber Board
Ministry of Agriculture and Agro-based Industry
Ministry of International Trade and Industry
Ministry of Plantation Industries and Commodities
Rubber Industry for Smallholders Development Authority
Universiti Putra Malaysia

The Technical Committee on Good Agricultural Practice for Crop Commodities which supervised the development of this Malaysian Standard consists of representatives from the following organisations:

Cameron Highlands Floriculturists Association
Commercial Orchid Growers Association of Malaysia
Department of Agriculture Kuala Lumpur
Department of Agriculture Sabah
Department of Agriculture Sarawak
Federal Agricultural Marketing Authority
Golden Hope Plantations Berhad
Malaysian Agricultural Research and Development Institute
Malaysian Herbal Corporation
Malaysian Palm Oil Association
Malaysian Palm Oil Board
Malaysian Rubber Board
Ministry of Agriculture and Agro-based Industry
Ministry of Health Malaysia
Ministry of Plantation Industries and Commodities
National Association of Small Holders
Persekutuan Persatuan-persatuan Pekebun-pekebun Sayur-sayuran Malaysia
QA Plus Asia Pacific Sdn Bhd
SIRIM Berhad (Secretariat)

Co-opted member:

Malaysian Agrifood Corporation Berhad

The Task Force on Flowers and Ornamentals which developed this Malaysian Standard consists of representatives from the following organisations:

Cameron Highlands Floriculturists Association
Commercial Orchid Growers Association of Malaysia
Department of Agriculture Kuala Lumpur
Federal Agricultural Marketing Authority
Malaysian Agricultural Research and Development Institute
Persatuan Industri Semaian Johor

FOREWORD

This Malaysian Standard was developed by the Technical Committee on Good Agricultural Practice for Crop Commodities under the authority of the Agricultural Industry Standards Committee. A Task Force on Flowers and Ornamentals was established in drafting this standard.

This Malaysian Standard is intended to be used in certification schemes to recognise and certify farms which adopt Good Agricultural Practice (GAP) for flowers and ornamentals in Malaysia.

The structure and presentation of this Malaysian Standard follows MS 1784:2005, *Crop commodities - Good Agricultural Practice (GAP)*. Where elements of MS 1784:2005 are not applicable to this Malaysian Standard, they are stated as such.

This Malaysian Standard consists of the following parts under the general title, *Good Agricultural Practice (GAP)*:

Part 1: Crop commodities

Part 2: Oil Palm (Elaeis Guineensis Jacq.)

Part 3: Rubber (Hevea Brasiliensis Muell. Arg)

Part 4: Cocoa (Theobroma cacao)

Part 5: Pepper (Piper nigrum L)

Part 7: Fruits and vegetables

Compliance with a Malaysian Standard does not of itself confer immunity from legal obligations.

GOOD AGRICULTURAL PRACTICE (GAP) - PART 6: FLOWERS AND ORNAMENTALS

1. Scope

This Malaysian Standard prescribes a generic code of practice that defines essential elements for agricultural producers to promote Good Agricultural Practice (GAP) for sustainable production of flowers and ornamental that is legally compliant, environmentally sound, socially acceptable and economically viable to ensure quality produce that is suitable for utilisation (for non-food purposes).

2. Normative references

The following normative references are indispensable for the application of this standard. For dated references, only the edition cited applies. For undated references, the latest edition of the normative references (including any amendments) applies.

Pesticide Act 1974

MS 1353, *Specification for fresh cut carnations (Multi-floral)*

MS 1354, *Specification for fresh cut chrysanthemum (Multi-floral)*

MS 1355, *Specification for fresh cut roses (Multi-floral)*

3. Definitions

For the purposes of this standard, the following definitions apply:

3.1 Essential element

Critical, main or key factor.

3.2 Crop producers

Entities involved in commercial production of crops including individuals and companies.

3.3 Legally compliant

Adherence to all existing national legislations.

3.4 Socially acceptable

Meeting concerns on the welfare and safety of persons working or living in the farm.

3.5 Economically viable production

Production that gives positive returns on a sustainable basis.

3.6 Sustainable crop production

A holistic, systems-oriented approach to farming that is efficient in resource management and focuses on the interrelationship of social, economic and environmental processes. This approach is based upon environmentally sound, socially responsible and economically profitable practices.

3.7 Environmentally sound

Farm practices that do not have adverse effects on the environment, e.g. chemical pollution of water ways and effluent discharge.

3.8 Quality produce

Produce that is of acceptable standard and suitable for utilisation.

3.9 Pests

Organisms that are capable of causing injury and loss to crops. These organisms include insects, other invertebrates, fungi, bacteria, viruses, weeds and vertebrates.

3.10 Integrated Pest Management (IPM)

A management system that uses all suitable techniques and methods in a manner as compatible as possible to maintain pest population at levels below those causing economic injury.

4. Requirements

4.1 Traceability

The produce shall be traceable to the farm where it has been originally produced.

4.2 Record keeping and internal audit

4.2.1 Record keeping

Farms shall keep up-to-date records. All records shall be maintained and retained for at least 2 years unless otherwise stipulated by any specific legislation. Record keeping system shall be established in which all the essential elements are captured. The records shall be accessible and audited. All farm records shall be treated as confidential.

New applicants shall have full records for at least 3 months prior to the date of inspection.

4.2.2 Internal audit

Internal audit shall be carried out at least once a year based on the requirements of this standard. It shall be completed and documented. Corrective actions shall to be implemented and documented.

4.3 Planting materials and rootstocks

4.3.1 Choice of planting materials or rootstocks should meet requirements as agreed between crop producers and customers (e.g. visual appearance, shelf-life, agronomic performance, environmental impact and minimal dependence on agrochemicals).

4.3.2 The use of genetically modified planting materials shall be avoided unless expressed permission has been given by the relevant authorities and should comply with existing regulations in the country of the final consumers.

4.3.3 The planting of genetically modified organism (GMO) shall be agreed between crop producers and customers before planting.

4.3.4 Seed quality should be known before use and a record of the variety name, variety purity, batch number and seed vendor should be kept. Where available, seed certification records should be retained.

4.3.5 Where grafted planting materials are used, records should also be kept of the variety of the rootstock.

4.3.6 Where protected varieties are used, the farm shall respect intellectual property right legislation on plant variety protection.

4.3.7 Varieties used for planting in the farm should preferably possess resistance or tolerance to major pests and diseases, so as to minimise utilisation of pesticide.

4.3.8 If seed treatments are carried out, the use of these treatments should be justified and shall be recorded.

4.4 Site history and site management

4.4.1 Site history

4.4.1.1 A recording system shall be established for the site history and the layout of fields of their crop history.

4.4.1.2 For all new agricultural sites, a risk assessment shall be carried out, taking the following into account:

- a) prior use of the land;
- b) potential impacts of the production on adjacent crops and areas; and
- c) potential impact of activities carried out at adjacent areas.

The information of the risk assessment shall be recorded.

4.4.1.3 Farms shall not be located more than 1 000 m above sea level unless the land was developed prior to 1 January 2002.

4.4.1.4 Farms should not be located on steep slopes which may be detrimental to the environment.

4.4.2 Site management

4.4.2.1 The farm management shall demonstrate that it has legal rights to the cultivation of the land and all necessary regulatory approvals.

4.4.2.2 Where farms are located on sloping land (within the permissible level), appropriate soil conservation measures shall be undertaken to prevent soil erosion and silt deposition into drains and other waterways.

4.4.2.3 A visual identification or reference system for each field shall be established.

4.5 Soil and substrate management

4.5.1 Soil type mapping

A soil map should be prepared for the farm, which can then be used to plan rotations, planting and growing programmes. This requirement does not apply to farms where plants are not planted in the ground but planted in pots on stands and hangers above the ground.

4.5.2 Cultivation

Cultivation practices proven to improve or maintain soil structure and to avoid soil compaction should be followed.

4.5.3 Soil erosion

Field cultivation techniques that minimise soil erosion shall be adopted.

4.5.4 Soil fumigation

4.5.4.1 Where chemical fumigation of soils is carried out, it shall be justified and recorded (such as location, date, active ingredient, doses, method of application and name of operator).

4.5.4.2 Alternative methods such as crop rotation, planting of break crops, use of disease resistant cultivars, thermal or solar sterilisation, conversion to soil-free cultivation, and similar techniques shall be explored before resorting to use of chemical fumigants.

4.5.5 Substrates

4.5.5.1 Preference should be given to the use of organic substrates.

4.5.5.2 For inert substrates (e.g. perlite, rock wool, broken bricks.), crop producers are encouraged to participate in substrate recycling programmes.

4.5.5.3 Where chemicals are used to sterilise substrates for re-use, records shall be kept and shall contain location of sterilised substrates. Steaming should be the preferred option of sterilisation.

4.5.5.4 Where chemicals are used to sterilise substrates for re-use, records of date, type of chemical used, method of sterilisation and name of operator shall be kept.

4.6 Fertiliser management (organic and inorganic)

4.6.1 Nutrient requirement

4.6.1.1 Where the crop is planted in the ground, a soil care plan should be developed to ensure that nutrient loss is minimised.

4.6.1.2 The application of fertilisers should be based on nutrient levels of the soil or substrates and requirements of the crop.

4.6.2 Fertiliser utilisation

4.6.2.1 Usage of fertilisers should be in accordance with science-based recommendations or best developed practice.

4.6.2.2 The type, quantity, method, timing and frequency of fertiliser application should be carefully observed so as to maximise benefits and minimise losses.

4.6.3 Records of application

All applications of soil and foliar fertilisers shall be recorded. Records shall include location, date of application, type and quantity of fertiliser applied, the method of application and name of operator.

4.6.4 Application machinery

Fertiliser application machinery shall be kept in good working condition

4.6.5 Fertiliser source and storage

4.6.5.1 Fertiliser stock records shall be kept up-to-date and made available.

4.6.5.2 Fertilisers should not be stored in the same room with pesticides. If this is not possible, the fertilisers and the pesticides shall be physically separated and labelled accordingly.

4.6.5.3 Fertilisers shall be stored in a covered, clean, dry location where there is no risk of contamination of water sources.

4.6.5.4 Fertilisers shall not be stored with nursery stock.

4.6.5.5 Fertilisers shall not be stored with fresh produce.

4.6.5.6 All hazard and risk areas to human shall be clearly indicated.

4.6.5.7 Record of source and chemical content of fertiliser used shall be made available.

4.6.6 Organic fertiliser

4.6.6.1 Organic fertiliser should be stored in an appropriate manner to reduce the risk of contamination of the environment.

4.6.6.2 The use of pig waste and untreated human sewage sludge are prohibited.

4.6.6.3 An assay of nutrients in the organic fertiliser should be known before application.

4.6.6.4 The use of organic fertilisers in open field cultivation should be based on nutrient management plans. The use of treated animal manure is permitted.

4.6.6.5 The source of organic fertiliser used shall be recorded.

4.7 Irrigation and fertigation

4.7.1 Planning

Crop producers should base their irrigation or fertigation requirement on historical agro-climatic data.

4.7.2 Method

4.7.2.1 The most efficient and commercially practical water delivery system should be used to ensure the best utilisation of nutrient and water resources.

4.7.2.2 Consideration should be given to a water management plan to optimise water and nutrient usage and reduce wastage (e.g. systems for re-use, application at night, maintenance of equipment to reduce leakage, collection of rainwater).

4.7.2.3 All crop producers should maintain records of water usage for irrigation and fertigation.

4.7.3 Quality of water

Untreated sewage water is prohibited for use.

4.7.4 Supply of water

Water should be derived from sustainable sources. Crop producers should seek advice from relevant authorities on water sourcing.

4.8 Crop protection

4.8.1 Basic elements of crop protection

4.8.1.1 The use of pesticides to protect the crop shall be minimised.

4.8.1.2 Wherever possible, crop producers shall apply recognised Integrated Pest Management (IPM) techniques. Non-chemical control measures are preferred over chemical treatments.

4.8.1.3 Crop producers should seek advice on IPM from competent individuals and/or authorities.

4.8.2 Choice of chemicals

4.8.2.1 The crop protection product utilised shall be appropriate for the control required.

4.8.2.2 Crop producers shall only use chemicals that are officially registered under the Pesticide Act 1974, for use on the crop that is to be protected.

4.8.2.3 Selective products that are specific to the target pest and which have minimal effect on populations of beneficial organisms, aquatic life, workers and consumers and are not detrimental to the ozone layer, should be used wherever possible.

4.8.2.4 Instructions on product labels shall be followed to ensure effective application and to avoid risks to operators, consumers and the environment.

4.8.2.5 An anti-resistance strategy should be adopted to avoid reliance on any one chemical.

4.8.2.6 For crops to be exported, crop producers shall not use chemicals that are banned or disallowed by importing countries.

4.8.2.7 Crop producers should consult their customers to determine if any additional commercial restrictions exist.

4.8.3 Advice on pesticide usage

Crop producers should seek advice on pesticide usage from competent individuals and/or authorities.

4.8.4 Records of application

All applications of pesticide shall include crop name, location and date of application, reason for application, trade name of pesticide used, dosage, method of application and name of operator.

4.8.5 Safety, training and instructions

4.8.5.1 Operators shall be trained on safe and proper use of pesticides.

4.8.5.2 Each area of application should be field marked with appropriate warning sign.

4.8.6 Personal clothing and equipment

4.8.6.1 Operators shall be equipped with suitable personal clothing and equipment appropriate to the danger posed to health and safety.

MS 1784-6:2007

4.8.6.2 Personal clothing and equipment shall be cleaned after use and stored separately from pesticides.

4.8.7 Pre-harvest interval

Not applicable.

4.8.8 Spray equipment

4.8.8.1 Spray equipment shall be suitable for use on the crop and farm in question and shall be kept in good working condition. Calibration should be carried out as and when necessary to ensure accurate delivery of the required quantity of spray.

4.8.8.2 When mixing chemicals, the correct quantity of spray mix for the crop to be treated and the proposed treatment type shall be calculated, accurately prepared and recorded.

4.8.9 Disposal of surplus spray mix

Surplus spray mix and tank washings should be sprayed over an untreated part of the crop as long as the recommended dosage has not been exceeded or on designated fallow land. Records should be kept of such spraying.

4.8.10 Pesticide storage

4.8.10.1 Pesticides shall be stored in accordance with local regulations.

4.8.10.2 Pesticides shall be stored in a sound, secured, water-resistant, well-ventilated and well-lit location away from other materials.

4.8.10.3 All shelving should be of non-absorbent material.

4.8.10.4 The pesticide store shall be able to retain spillage (e.g. to prevent contamination of water courses).

4.8.10.5 There shall be adequate facilities for measuring and mixing pesticides.

4.8.10.6 There shall be emergency facilities (e.g. plenty of clean water and bucket of sand) to deal with contamination and accidental spillage.

4.8.10.7 Keys and access to the store shall be limited to workers with adequate training in the handling of pesticides.

4.8.10.8 A procedure to handle accidents, a list of contact telephone numbers and the location of the nearest telephone shall be available within the immediate vicinity of the store and next to the nearest telephone.

4.8.10.9 Inventory shall be kept and readily available.

4.8.10.10 All pesticides shall be stored in their original package.

4.8.10.11 Only chemicals registered for use on crops on the farm shall be stored.

4.8.10.12 Powders shall be stored on shelves above liquids or separately.

4.8.10.13 Warning signs of potential dangers shall be placed on access doors.

4.8.11 Empty pesticide containers

4.8.11.1 Empty pesticide containers shall not be re-used and the disposal of empty pesticide containers shall be in a manner that prevents exposure to humans and contamination of the environment.

4.8.11.2 Official collection and disposal systems should be used, if available.

4.8.11.3 Empty containers shall be rinsed at least three times with water and the washings returned to the spray tank.

4.8.11.4 Unless participating in established recycling programmes or with expressed permission from the authorities, rinsed containers shall be pierced to prevent re-use.

4.8.11.5 Empty containers shall be kept secure until disposal is possible.

4.8.11.6 Disposal or destruction of containers shall be in accordance to the Pesticide Act 1974 and/or any other relevant local regulations.

4.8.12 Obsolete pesticides

Obsolete pesticides shall only be disposed through an approved chemical waste contractor.

4.9 Harvesting

4.9.1 Hygiene

4.9.1.1 Hygiene protocol for workers appropriate to a particular farm produce, which include the cleanliness of workers, re-usable harvesting containers, harvesting tools and harvesting machineries, should be put in place in order to prevent physical, microbiological and chemical contamination to the produce.

4.9.1.2 Workers shall undergo training in basic hygiene before handling fresh produce. They shall be made aware of the requirement to notify management should they contract any transferable diseases.

4.9.1.3 Workers shall have access to clean toilet and washing facilities in the vicinity of their work.

4.9.2 Packaging at farm

4.9.2.1 Packaging material shall be stored in clean storage areas to avoid contamination by physical and chemical hazards as well as pests. It shall be protected from rodents, birds and other animals. Where produce is field packed, packaging shall not be left in the field overnight where risk of contamination exists.

4.9.2.2 Any re-usable containers and vehicles used to transport harvested produce shall be cleaned to ensure that they are free from foreign materials such as soil, dirt, organic manure, crop residue, decaying produce, lubricant and any other contaminant which may be detrimental to the quality of the produce.

4.9.2.3 Packaging and labelling should be in accordance with relevant Malaysian Standards such as MS 1353, MS 1354 and MS 1355.

4.10 Post-harvest handling

4.10.1 Post-harvest treatment

4.10.1.1 Use of chemical post-harvest treatments should be minimised. When used, it shall be in accordance with product label or established recommendations.

4.10.1.2 When chemicals are used, they shall be in accordance with the relevant legislation. Where pesticides are involved, they shall be officially registered under the Pesticide Act 1974.

4.10.1.3 For produce to be exported, producers should not use chemicals that are banned or disallowed by importing countries.

4.10.1.4 Producers should consult their customers to determine if any additional commercial restrictions exist.

4.10.1.5 Crop producers and exporters should have knowledge with regard to the post-harvest practices.

4.10.1.6 Records for all post-harvest treatments shall be kept to include crop name, location of farm and packing house, date of treatment, type of post-harvest treatment, dosage, and name of operator.

4.10.2 Post-harvest washing

4.10.2.1 Untreated sewage water shall not be used for washing of produce.

4.11 Pesticide residue analysis of produce

Not applicable.

4.12 Waste and pollution management, recycling and re-use

4.12.1 All possible waste products and sources of pollution should be identified in all areas of the farm business.

4.12.2 Having identified wastes and pollutants, a plan should be developed and implemented to prevent or reduce wastage and pollution. Whenever possible, prevent land filling or burning by recycling the waste. Crop debris may be composted and re-used for soil conditioning.

4.13 Worker health, safety and welfare

4.13.1 Action plan

There should be an action plan to promote safe and good working conditions.

4.13.2 Training

4.13.2.1 Training shall be given to workers operating dangerous or sophisticated equipment.

4.13.2.2 Records of training for each employee shall be kept.

4.13.2.3 Accident and emergency procedures shall be available with clear instructions to all workers. These procedures should be displayed in the appropriate language of the workforce. Instructions should be supported by symbols where possible.

4.13.3 Facilities and equipment

First aid boxes shall be available at permanent sites on the farm. Hazards should be clearly identified by warning signs where appropriate.

4.13.4 Pesticide handling

Workers undertaking pesticide applications on the farm should receive regular health checks in line with guidelines based on local and national regulatory requirements.

4.13.5 Hygiene

4.13.5.1 All permanent product packing and storage sites shall have adequate pest control measures, particularly in the working areas and storage areas for packaging materials, pesticides and fertilisers.

4.13.5.2 Workers should receive basic training in hygiene requirements for the handling of fresh produce. The training program should outline the need for hand cleaning, the covering of skin cuts, and the confinement of smoking, eating and drinking to permitted areas.

4.13.5.3 The premises should be kept clean at all times to prevent becoming a breeding ground for pests.

4.13.6 Welfare

4.13.6.1 All employment conditions shall comply with local and national regulations.

4.13.6.2 If on-site living quarters are provided, they shall be habitable and have basic amenities and facilities.

4.14 Environmental issues

4.14.1 Impact of farming on the environment

Crop producers shall conform to existing environmental legislation. This covers the concern for air, water, soil, biodiversity and other environmental issues.

4.14.2 Wildlife and biodiversity conservation

4.14.2.1 Crop producers should always be conscious of the need to conserve wildlife and biodiversity.

4.14.2.2 Where Environmental Impact Assessment (EIA) is required, consideration for the conservation of wildlife and biodiversity shall include the following areas:

- a) conduct a baseline audit to understand existing animal and plant diversity on the farm. conservation organisations may be requested to conduct surveys to measure biodiversity and identify areas of concern;
- b) take action to avoid damage and deterioration of habitats; and
- c) create an action plan to enhance habitats and increase biodiversity on the farm.

4.14.3 Unproductive sites

Crop producers are encouraged to convert unproductive sites in their farms (e.g. swamps, steep slopes, deep peat.) into conservation areas for natural flora and fauna.

4.15 Record of complaints

Records of complaints on all produce not in compliance with requirements in this standard and their remedial actions shall be made available on-site.

5. Legal requirements

All farm activities and produce shall in all other aspects, comply with the requirements of the legislations currently in force in Malaysia.

Bibliography

- [1] *Environment Quality Act 1974 and Environment Quality Regulations 1979*
- [2] EUREPGAP Protocol for Fresh Fruits and Vegetables, Version September 2001, Revision 02
- [3] Farm Accreditation Scheme of Malaysia, Department of Agriculture, Ministry of Agriculture, Malaysia
- [4] *Good Agricultural Practices*, Food and Agriculture Organisation (FAO), Version 2 June 2002
- [5] *Occupational Safety and Health Act 1994*
- [6] MS 1784:2005, *Crop Commodities – Good Agricultural Practice (GAP)*
- [7] EUREPGAP General Regulations Flower and Ornamentals, Version 1.1- September 2003
- [8] EUREPGAP Control Points & Compliance Criteria for Flower and Ornamentals, Version 1.1- January 2004

Acknowledgements

Members of Technical Committee on Good Agricultural Practice for Crop Commodities

Mr Azizi Meor Ngah (Chairman)	Malaysian Agrifood Corporation Berhad
Ms Zainorni Mohd Janis (Secretary)	SIRIM Berhad
Mr Abu Bakar Ahmad	Commercial Orchid Growers Association of Malaysia
Ms Norma Mohd Salleh	Federal Agricultural Marketing Authority
Ms Julia Lamdin	Department of Agriculture Sabah
Mr Chai Chen Chong	Department of Agriculture Sarawak
Mr Mohd Pilus Zambri	Golden Hope Plantations Berhad
Ms Aini Zakaria	Malaysian Agricultural Research and Development Institute
Mr Chew Jit Seng	Malaysian Palm Oil Association
Mr Wahid Omar	Malaysian Palm Oil Board
Dr Ramli Othman	Malaysian Rubber Board
Dr Thahiratul Asma' Zakaria	Ministry of Health Malaysia
Mr Aliasak Haji Ambia	National Association of Small Holders
Mr Christie F Robert/	QA Plus Asia Pacific Sdn Bhd
Mr Sathianathan Menon	

Co-opted member

Mr Chan Han Hee	Malaysian Agrifood Corporation Berhad
-----------------	---------------------------------------

Members of Task Force on Flowers and Ornamental

Mr Chan Han Hee (Chairman)	Department of Agriculture Kuala Lumpur
Mr Mohd Zainuri Mohd Salim (Co-Chairman)	Department of Agriculture Kuala Lumpur
Ms Hapipah Ismail (Secretary)	Department of Agriculture Kuala Lumpur
Mr Lee Peng Foo	Cameron Highlands Floriculturists Association
Mr Abu Bakar Ahmad	Commercial Orchid Growers Association of Malaysia
Ms Norma Mohd Salleh	Federal Agricultural Marketing Authority
Ms Latifah Mohd Nor	Malaysian Agricultural Research and Development Institute
Mr Bu Yau Seng	Persatuan Industri Semaian Johor

